

# FILE NOTATIONS

Entered in NID File ☒  
 Entered On S R Sheet ☒  
 Location Map Pinned ☒  
 Card Indexed ☒  
 I W R for State or Fee Land ☐

Checked by Chief PPD  
 Copy NID to Field Office ☒  
 Approval Letter ☒  
 Disapproval Letter ☐

## COMPLETION DATA:

Date Well Completed 3-23-61  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA ☒

Location Inspected 7-15-61 HPC  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 5-1-61

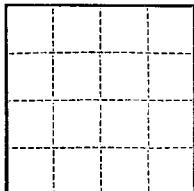
Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ E-I ☒ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic ☒ Others \_\_\_\_\_

LWP  
 10-3-91

(SUBMIT IN TRIPLICATE)

Indian Agency .....



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe

Lease No. 14-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<b>XX</b>	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		<del>SUBSEQUENT REPORT-CEMENTING CASING</del> .....	<b>XX</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO 5 SAN JUAN

February 21, 19 61

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 18

SW 1/4, NE 1/4 Sec. 18  
(1/4 Sec. and Sec. No.)

43S  
(Twp.)

25E  
(Range)

Salt Lake  
(Meridian)

Unnamed  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~surface~~ surface above sea level is 5095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 2-13-61 Having drilled to 5175 ft., started coring at this depth and cored to 5227 ft., Rec. 52' - 2' sh, calc, 4' lmsn, gry, coarse to med grn, no show; 12' gry shly line, hrd & tgt; 1' sh gry calc; 7' line gry hrd tgt w/show oil in hairline fracs; 5' lmsn, hrd tgt, vfg, show in hairline fracs; 2' lmsn, gry hrd tgt; fossilif., show in fracs; 1' line, hrd, tgt, cherty; 4' lm, gry, vfg, hrd, tgt; 5' lmsn, vry dense; 4' lmsn, shly, no shows; 2' lmsn, fossilif., hrd & tgt; 3' lmsn, vfg, hrd & tgt.
- 2-14-61 Drilled to 5290 ft. Cored 5290-5321, rec 27' - 1' ls, gry, tgt, no show; 1' sh, gry, calc; 2' ls, gry, med xln, tgt, no show; 3' ls, gry, med xln, vug poros, stn, odor & fluor; 5' ls, gry, fn to med xln, tgt, no show; 7' ls, gry, med to coarse xln, excel vug poros, stn, odor & fluor; 6' ls, gry, fn to med xln, fn pinpoint poros, stn, odor, fluor; 1' ls, gry, fossilif, coarse xln, vug poros, stn, odor, fluor; 1' ls, lgt gry, tgt, no show. (SEE REVERSE SIDE)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By

Title Division Chief Clerk  
Production Department

- 2-15-61 Reamed core hole and drilled to 5324 ft. Cored 5324-44' - Rec. 20' - 2' lastn, gry, fn calcarenite, tgt, vry sli stain & fluor; 3' lastn, gry, med calciradite, vug poros, stn, odor & fluor; 3' lastn, lite gry, med calcarenite, tgt, sli trace, fluor; 3' lastn, lite gry, sli silty, fn calcarenite, low poros, stn, odor & fluor; 4' lastn lite gry, silty, fn, calcarenite, tgt, no show; 3' lastn, lite gry, med calcarenite, tgt, no show, frac, trace stn, odor & fluor along frac. Top Desert Creek 5345.
- 2-17-61 DST 5340-5416, Desert Creek, 5/8" choke, open 1-1/4 hrs, weak to vry weak blow, rec. 10' maddy salt wtr, 90' vry sli OAGC mud. ISIP-15"-167. IF-70. FF-100, 30" SIP-no pressure.
- 2-19-61 At Total Depth 5433 ft. Ran & cemented 7" casing at 5432 ft. w/325 sacks. 1st stage 250, 2nd 75. 1st stage complete 1:25 P.M. 2-18-61, 2nd stage complete 6:25 P.M. 2-18-61.
- 2-21-61 Prepare run logs and perforate. Will perforate in approximate interval 5304-5323 ft.

USCIB 10000

(SUBMIT IN TRIPLICATE)

Indian Agency .....

	X	
	(18)	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe

Lease No. 14-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO 5 SAN JUAN

March 3, 1961

Well No. 2 is located 660 ft. from N line and 1980 ft. from Ex line of sec. 18

NE 1/4 NW 1/4 Sec. 18  
(1/4 Sec. and Sec. No.)

43S  
(Twp.)

25E  
(Range)

Salt Lake  
(Meridian)

Anido Creek  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the Surface ~~At 1000 ft.~~ above sea level is 5141 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above location has been selected to test the Desert Creek Formation to a total depth of 5600 ft.

We will run and cement (from top to bottom) 8-5/8"OD casing at approximately 750 ft. as surface pipe; we will run and cement 5-1/2"OD casing as the oil string.

We will drill this well with rotary tools.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By

R. W. Newport  
R. W. Newport

Title Division Chief Clerk  
Production Department

COMPANY SINCLAIR OIL & GAS COMPANY

Well Name & No. \_\_\_\_\_ Lease No. \_\_\_\_\_

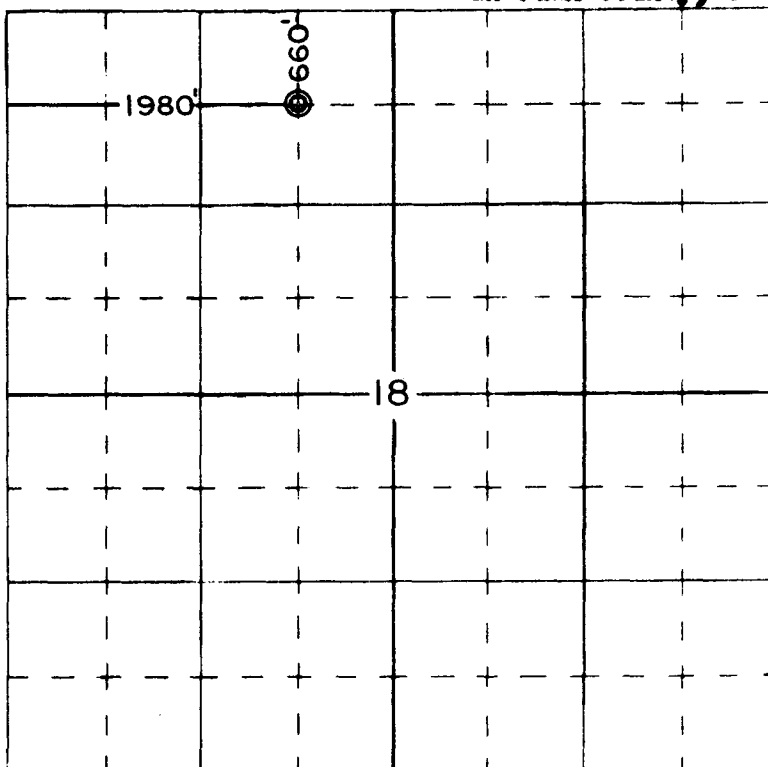
Location 660 feet from the North line and 1980 feet from the West line

Being in N.E. 1/4 N. W. 1/4

Sec. 18, T43S., R25E., S.L.M.

Ground Elevation 5141

San Juan County, Utah



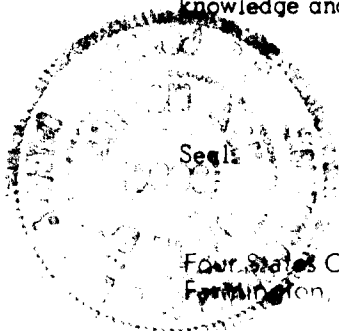
Scale -- 4 inches equals 1 mile

Surveyed February 16, 19 61

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*E. L. Potest*

E. L. Potest  
Registered Engineer & Land Surveyor  
Registration 3084  
Practicing in Utah regulating  
Professional Engrs. and Land  
Surveyors, Utah Code 1953,  
Title 58-10-16



March 6, 1961

Sinclair Oil & Gas Co.  
601 Denver Club Bldg.  
Denver 2, Colorado

Attn: R. W. Newport, Div. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 5 San Juan 2, which is to be located 660 feet from the north line and 1980 feet from the west line of Section 18, Township 43 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

CBF:awg

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

(SUBMIT IN TRIPLICATE)


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Allottee Navajo Tribe  
Lease No. 14-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>XX</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO 5 SAN JUAN

March 28, 19 61

Well No. 2 is located 660 ft. from N line and 1980 ft. from E line of sec. 18  
NE/4 NW/4 Sec. 18 43S 25E Salt Lake  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Anido Creek San Juan Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the Surface ~~Artificial~~ above sea level is 5141 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Subject well has been drilled to a total depth of 5580 ft., and having found no oil or gas in commercial quantities we now propose to plug and abandon as follows:

Will spot cement plugs at approximate depths:

5280-5580  
4400-4525  
2600-2675  
1550-1650

Will cap hole with cement and install regulation pipe marker.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By R. W. Newport  
R. W. Newport  
Title Division Chief Clerk & production Dept

FORM 103

SINCLAIR OIL & GAS COMP/

STATE PERMIT 3-6-61

AUTHORIZATION NO 15, 1961

RECORD OF WELL NO. 2 Navajo 5 San Juan FARM  
SEC. 18 TWP. 43S RANGE 25E COUNTY OR PARISH San Juan STATE Utah ACRES 2,528-Lease  
BLOCK \_\_\_\_\_ LOCATION OF WELL 660' from the North line and 1980' from the West line  
SURVEY of section.

2

(18)

(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

ELEVATION: SURFACE 5141 RIG FLOOR 5141

LOCATION STAKED BY E. V. Echolank DATE 2-16-61

DRILLING CONTRACTOR Mesa Drillers

KIND OF TOOLS USED. CABLE. FROM 0 TO 0

ROTARY, FROM 0 TO 5580-TD

DATE DRILLING COMMENCED 3-5-61 COMPLETED 3-23-61

DATE COMPLETED TESTING 3-23-61 FIRST PRODUCTION Dry Hole

TOTAL DEPTH 5580 PBTD P&A METHOD OF PRODUCING Dry Hole

1ST 24 HRS. NATURAL \_\_\_\_\_ AFTER SHOT OR ACID \_\_\_\_\_

24 HR. POTENTIAL AT COMPLETION — OIL \_\_\_\_\_ WATER \_\_\_\_\_ CHOKE \_\_\_\_\_

ALLOWABLE PRODUCTION, PER DAY \_\_\_\_\_ PER CALENDAR DAY \_\_\_\_\_

API GRAVITY OF CRUDE OIL @ 60° F. 50.0 GOR 1.0

TUBINGHEAD PRESSURE 00 PSIG      KIND OF MUD USED DURING COMPLETION Natural

VOLUME \_\_\_\_\_ CU. FT. \_\_\_\_\_

DEVIATION TESTS: 1/2 @ 850, 2-1/4 @ 4588, 2-1/2 @ 4888 & 1-1/2 @ 5382

HOLE SIZE BEHIND OIL STRING CSG: None set SIZE OF HOLE BELOW CSG: -

CORE RECORD: None NUMBER OF CORES \_\_\_\_\_ DEPTH \_\_\_\_\_ LAB. NUMBER \_\_\_\_\_

WAS ELECTRICAL LOG MADE 3-23-61 TOP 850 BOTTOM 5573 SERVICE CO. Schlumberger

Sonic	3-23-61	4400	5572	Schlumberger
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WAS RADIO-ACTIVE LOG MADE \_\_\_\_\_ TOP \_\_\_\_\_ BOTTOM \_\_\_\_\_ SERVICE CO. \_\_\_\_\_

TEMPERATURE SURVEY \_\_\_\_\_ INDICATED TOP OF CEMENT \_\_\_\_\_

SET WHIPSTOCKS AT \_\_\_\_\_ SPECIAL CEMENTING JOBS \_\_\_\_\_

PRODUCING FORMATIONS	TOP	BOTTOM	THICK.	PRODUCING FORMATIONS	TOP	BOTTOM	THICK.
1ST <b>NONE</b>				5TH			
2ND				6TH			
3RD				7TH			
4TH				8TH			

PERFORATION REPORT:	TYPE OF	PRESENT
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DATE **NONE** NO. HOLES \_\_\_\_\_ DEPTH \_\_\_\_\_ TO \_\_\_\_\_ SHOT \_\_\_\_\_ STATUS \_\_\_\_\_

SHOT REPORT—COMPANY	DATE	QUARTS	SIZE & LENGTH	ANCHOR	SHOT BETWEEN	
1. <b>NONE</b>					FT.	FT.
2.					FT.	FT.

TREATED — ACID — FRACTURES, ETC.

MAX. &		NET	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

<u>FROM</u>	<u>TO</u>	<u>TYPE TREATMENT</u>	<u>GALLONS OR BARRELS</u>	<u>SAND POUNDS</u>	<u>LOAD - BBLs.</u>	<u>MIN. PRES</u>	<u>OIL REC.</u>
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FT.	FT.	<b>NONE</b>
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FT. FT.

FT. FT.

FT. FT.

FT. FT.

FT. FT.

FT. FT.

FT. FT.

FT. FT.

### CASING, TUBING AND SUCKER RODS

[illegible]



**MAY 1 1961**

SCREEN SETTING REPORT\_\_\_\_\_None

KIND AND NUMBER OF SCRATCHERS USED None

KIND AND NUMBER OF CENTRALIZERS USED\_\_\_\_\_None

DATE SET

SIZE AND KIND OF PACKER

1ST None FEET

2ND \_\_\_\_\_ FEET

## DRILL STEM TESTS

[illegible]

WAS ANY JUNK EQUIPMENT TOOLS OR PIPE LEFT IN HOLE AT COMPLETION OF DRILLING? None

REMARKS:

### PLUGBACK AND PLUGGING RECORD

DATE	TYPE PLUG	FROM	TO
3-24-61	Cement	5280	5580
3-24-61	Cement	4400	4525
3-24-61	Cement	2600	2675
3-24-61	Cement	1550	1650
	Capped w/10	sacks cement.	

APPROVED:

Ford Nash

DISTRICT SUPERINTENDENT

*George H. Hammer* DIVISION  
ENG

DIVISION SUPERINTENDENT

ENGINEER - GEOLOGIST

(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

FORMATION	DEPTH TO TOP	SUB SEA ELEV.	FORMATION	DEPTH TO TOP	SUB SEA ELEV.
<b>SCHLUMBERGER TOPS</b>					
Kayenta	900	4240	Jurassic-Triassic	0-1800	No samples.
Chinle	1592	3548	Triassic Chinle	1800-1960	Silts, red-brn w/ls streaks.
Petrified Forest	1960	3180	Petrified Forest Member	1960-2580	Sh, purp, grn, gy, brn.
Organ Rock	2879	2261	Permian DeChelly	2580-2879	Ss, wh & orange, w/ intbd sh.
Hermosa	4484	656	Permian Organ Rock	2879-4484	Silts, red-orange, sh, gy, brn, w/ls & anhydri. incls.
Iamay	5295	155			
Desert Creek	5502	362			
NO OIL, GAS OR IMPORTANT WATER SANDS.					
<b>EMPLOYEES:</b>					
J. C. Brown		Driller	Penn. Hermosa	4484-5295	Interbedded gy ls & dk gy & brn sh.
George K. Reid		Driller	Penn. Iamay	5295-5502	Ls, gy, wh & blk sh.
B. Watkins		Driller	Penn. Desert Crk.	5502-5580	Ls, gy; dol, gy-brn & blk sh.
Mesa Drillers.					
SINCLAIR OIL & GAS COMPANY					
601 DENVER CLUB BUILDING					
DENVER 2, COLORADO					
ANIDO CREEK FIELD					
SAN JUAN COUNTY, UTAH					